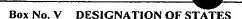


REQUEST

Per de la	2005
	4
International Application No.	
International Filing Date	
Name of marining Office of Apport	
Name of receiving Office and "PCT International Application"	

	international Filing Da	ate	
The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty.	Name of receiving Office and "PCT International Application"		
	Applicant's or agent's (if desired) (12 charact	file reference ters maximum) SMC 60584/WO	
Box No. I TITLE OF INVENTION			
Ink			
Box No. II APPLICANT This person	n is also inventor		
Name and address: (Family name followed by given name; for a legal ent. The address must include postal code and name of country. The country of the Box is the applicant's State (that is, country) of residence if no State of residence.	he address indicated in this	Telephone No. +44 161 740 1460	
Avecia Limited		Facsimile No. +44 161 795 6005	
Hexagon House		Teleprinter No.	
Blackley			
Manchester M9 8ZS United Kingdom		Applicant's registration No. with the Office	
State (that is, country) of nationality:	State (that is, country)	of residence:	
GB	GB		
This person is applicant for the purposes of: all designated the United States all designated the United States		the United States of America only the States indicated in the Supplemental Box	
Box No. III FURTHER APPLICANT(S) AND/OR (FURTH	HER) INVENTOR(S)		
Name and address: (Family name followed by given name; for a legal entit The address must include postal code and name of country. The country of th Box is the applicant's State (that is, country) of residence if no State of residence	ty, full official designation. te address indicated in this	This person is:	
WRIGHT, Gavin		applicant and inventor	
PO Box 42, Hexagon House		inventor only (If this check-box	
Blackley Manchester M9 8ZS		is marked, do not fill in below.)	
United Kingdom		Applicant's registration No. with the Office	
State (that is, country) of nationality: GB	State (that is, country) of	of residence:	
This person is applicant for the purposes of: all designated States all designated the United States		he United States the States indicated in the Supplemental Box	
Further applicants and/or (further) inventors are indicated on	a continuation sheet.		
Box No. IV AGENT OR COMMON REPRESENTATIVE;	OR ADDRESS FOR O	CORRESPONDENCE	
The person identified below is hereby/has been appointed to act on of the applicant(s) before the competent International Authorities a	behalf is:	gent common representative	
Name and address: (Family name followed by given name; for a legal entity The address must include postal code and name of cou	, full official designation. intry.)	Telephone No. +44 161 721 1794	
MAYALL, John	1	Facsimile No.	
Avecia Limited, Intellectual Property Group		+44 161 721 5801	
PO Box 42, Hexagon House, Blackley	17	Teleprinter No.	
Manchester M9 8ZS			
United Kingdom	Ā	Agent's registration No. with the Office	
Address for correspondence: Mark this check-box where no space above is used instead to indicate a special address to wl	o agent or common repre hich correspondence sho	sentative is/has been appointed and the buld be sent.	



The following designations are hereby made under Rule 4.9(a):

Mark the applicable check-boxes below; at least one must be marked.

Regional Patent

AP ARIPO Patent: GH Ghana, GM Gambia, KE Kenya, LS Lesotho, MW Malawi, MZ Mozambique, SD Sudan, SL Sierra Leone, SZ Swaziland, TZ United Republic of Tanzania, UG Uganda, ZM Zambia, ZW Zimbabwe, and any other

State which is a Contracting State of the Harare Protocol and of the PCT (if other kind of protection or treatment desired,

specify on dotted line)

EA Eurasian Patent: AM Armenia, AZ Azerbaijan, BY Belarus, KG Kyrgyzstan, KZ Kazakhstan, MD Republic of Moldova, RU Russian Federation, TJ Tajikistan, TM Turkmenistan, and any other State which is a Contracting State of the Eurasian Patent Convention and of the PCT

- EP European Patent: AT Austria, BE Belgium, BG Bulgaria, CH & LI Switzerland and Liechtenstein, CY Cyprus, CZ Czeck-Republic, DE Germany, DK Denmark, EE Estonia, ES Spain, FI Finland, FR France, GB United Kingdom, GR Greece, IE Ireland, IT Italy, LU Luxembourg, MC Monaco, NL Netherlands, PT Portugal, SE Sweden, SI Slovenia, SK Slovakia, TR Turkey, and any other State which is a Contracting State of the European Patent Convention and of the PCT

National Patent (if other kind of protection or treatment desired, specify on dotted line): PL Poland BY Belarus..... BZ Belize KR Republic of Korea SK Slovakia CA Canada CH & LI Switzerland and Liechtenstein 🔀 LC Saint Lucia CN China LK Sri Lanka CO Colombia LR Liberia TN Tunisia TT Trinidad and Tobago TZ United Republic of Tanzania M Dominica DZ Algeria.... US United States of America ES Spain VN Viet Nam.... GB United Kingdom GD Grenada Check-boxes below reserved for designating States which have become party to the PCT after issuance of this sheet: NI Nicaragua

Precautionary Designation Statement: In addition to the designations made above, the applicant also makes under Rule 4.9(b) all other designations which would be permitted under the PCT except any designation(s) indicated in the Supplemental Box as being excluded from the scope of this statement. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit. (Confirmation (including fees) must reach the receiving Office within the 15-month time limit.)

Supplemental Box

If the Supplemental Box is not used, this sheet should not be included in the request.

- If, in any of the Boxes, except Boxes Nos. VIII(i) to (v) for which a special continuation box is provided, the space is insufficient to furnish all the information: in such case, write "Continuation of Box No..." (indicate the number of the Box) and furnish the information in the same manner as required according to the captions of the Box in which the space was insufficient, in particular:
- (i) if more than two persons are to be indicated as applicants and/or inventors and no "continuation sheet" is available: in such case, write "Continuation of Box No. III" and indicate for each additional person the same type of information as required in Box No. III. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below;
- (ii) if, in Box No. II or in any of the sub-boxes of Box No. III, the indication "the States indicated in the Supplemental Box" is checked: in such case, write "Continuation of Box No. II" or "Continuation of Box No. III" or "Continuation of Boxes No. III and No. III" (as the case may be), indicate the name of the applicant(s) involved and, next to (each) such name, the State(s) (and/or, where applicable, ARIPO, Eurasian, European or OAPI patent) for the purposes of which the named person is applicant;
- (iii) if, in Box No. II or in any of the sub-boxes of Box No. III, the inventor or the inventor/applicant is not inventor for the purposes of all designated States or for the purposes of the United States of America: insuch case, write "Continuation of Box No. II" or "Continuation of Box No. II" or "Continuation of Boxes No. II and No. III" (as the case may be), indicate the name of the inventor(s) and, next to (each) such name, the State(s) (and/or, where applicable, ARIPO, Eurasian, European or OAPI patent) for the purposes of which the named person is inventor;
- (iv) if, in addition to the agent(s) indicated in Box No. IV, there are further agents: in such case, write "Continuation of Box No. IV" and indicate for each further agent the same type of information as required in Box No. IV;
- (v) if, in Box No. V, the name of any State (or OAPI) is accompanied by the indication "patent of addition," or "certificate of addition," or if, in Box No. V, the name of the United States of America is accompanied by an indication "continuation" or "continuation-in-part": in such case, write "Continuation of Box No. V" and the name of each State involved (or OAPI), and after the name of each such State (or OAPI), the number of the parent title or parent application and the date of grant of the parent title or filing of the parent application;
- (vi) if, in Box No. VI, there are more than five earlier applications whose priority is claimed: in such case, write "Continuation of Box No. VI" and indicate for each additional earlier application the same type of information as required in Box No. VI.
- If, with regard to the precautionary designation statement contained in Box No. V, the applicant wishes to exclude any State(s) from the scope of that statement: in such case, write "Designation(s) excluded from precautionary designation statement" and indicate the name or two-letter code of each State so excluded.

Continuation of Box IV

FAWKES, David Melville GAIRNS, Raymond Stevenson LOCKE, Timothy John MORPETH, Fraser Forrest PARLETT, Peter Michael REVELL, Christopher SCHMITT, Maja SHELLER, Alan

All of Intellectual Property Group, Avecia Limited, PO Box 42, Hexagon House, Blackley, Manchester M9 8ZS, United Kingdom

		1
Sneet	NO.	4

Box No. VI PRIORIT	Y CLAIM			
The priority of the follow	ing earlier application(s) is here	eby claimed:		
Filing date Number			Where earlier application	is:
of earlier application of earlier application (day/month/year)	or earner application	national application: country or Member of WTO	regional application:* regional Office	international application receiving Office
item (1) _{27/07/2002} 27 July 2002	0217446.4	GB		
item (2) 16/09/2002 16 September 2002	60/410810	US		
item (3)				
item (4)				
item (5)				
Further priority claims	s are indicated in the Suppleme	ental Box.		
The receiving Office is requifithe earlier application was above as:	uested to prepare and transmit t s filed with the Office which for t	to the International Bureau the purposes of this internat	a certified copy of the eational application is the re	arlier application(s) (only occiving Office) identified
all items item	(1) item (2)	item (3) item ((4)	other, see Supplemental Box
* Where the earlier applicate Industrial Property or one M	tion is an ARIPO application, in Member of the World Trade Org	ndicate at least one country ganization for which that ed	party to the Paris Conven arlier application was file	tion for the Protection of
Box No. VII INTERNA	TIONAL SEARCHING AUT	HORITY	• • • • • • • • • • • • • • • • • • • •	
Choice of International Se	earching Authority (ISA) (if tw	vo or more International Se	arching Authorities are co	ompetent to carry out the
ISA /	earching Authority (ISA) (if twee the Authority chosen; the two-	-		• • • • • • • • • • • • • • • • • • • •
Request to use results of e	arlier search; reference to th	nat search (if an earlier sea	rch has been carried out	by or requested from the
International Searching Auth Date (day/month/year)	<i>Numbe</i>	er Countr	ry (or regional Office)	i
Box No. VIII DECLARA	TIONS			
	are contained in Boxes Nos. \ate in the right column the numb			Number of declarations
Box No. VIII (i)	Declaration as to the identity	of the inventor		:
Box No. VIII (ii)	Declaration as to the applica date, to apply for and be gra		international filing	:
Box No. VIII (iii)	Declaration as to the applicate, to claim the priority of		international filing	:
Box No. VIII (iv)	Declaration of inventorship United States of America)	(only for the purposes of the	ne designation of the	:
Box No. VIII (v)	Declaration as to non-prejud	licial disclosures or excepti	ons to lack of novelty	:

Sheet No.	5

Box No. IX CHECK LIST; LANGUAGE	OF FILING		
This international application contains: (a) in paper form, the following number of sheets: request (including declaration sheets): description (excluding	This international application is accompanied by the follow item(s) (mark the applicable check-boxes below and indicate it right column the number of each item): 1. fee calculation sheet 2. original separate power of attorney		
description (excluding sequence listings and/or tables related thereto) : 10 claims : 2 abstract : 1 drawings :	 3. ☐ original general power of attorney 4. ☐ copy of general power of attorney; reference number if any: 5. ☐ statement explaining lack of signature 6. ☐ priority document(s) identified in Box No. VI as item(s): 7. ☐ translation of international application into (language): 8. ☐ separate indications concerning deposited microorgy or other biological material 9. ☐ sequence listings in computer readable form (indicate type and number of carriers) (i) ☐ copy submitted for the purposes of international sequence listings including, where applicable, the purposes of international search under Rule 13ter (iii) ☐ (only where check-box (b)(i) or (c)(i) is marked in left (iii) ☐ together with relevant statement as to the identity copies with the sequence listings mentioned in left 10. ☐ tables in computer readable form related to sequence (indicate type and number of carriers) (i) ☐ copy submitted for the purposes of international section 802(b-quater) only (and not as part of the application) (ii) ☐ (only where check-box (b)(ii) or (c)(ii) is marked in left additional copies including, where applicable, the purposes of international search under Section 802 (iii) ☐ together with relevant statement as to the identity copies with the tables mentioned in left column 11. ☐ other (specify): 	earch under al application): ft column) copy for the column : listings earch under international copy for the copy or	
Figure of the drawings which should accompany the abstract: Language of filing of the international application:			
Box No. X SIGNATURE OF APPLICANT, AGENT OR COMMON REPRESENTATIVE Next to each signature, indicate the name of the person signing and the capacity in which the person signs (if such capacity is not obvious from reading the request). For Avecia Limited - WRIGHT, G.			
MAYALL, John			
 Date of actual receipt of the purported international application: Corrected date of actual receipt due to later be timely received papers or drawings completing the purported international application: Date of timely receipt of the required corrections under PCT Article 11(2): International Searching Authority (if two or more are competent): ISA / 	For receiving Office use only ut ng 6. Transmittal of search copy delayed until search fee is paid	2. Drawings: received: not received:	
Date of receipt of the record copy by the International Bureau:			